

Figure 2: Examples of Nuclease Stable Ribozyme Motifs



Figure 3: 2'-O-Me substituted Amberzyme Enzymatic Nucleic Acid Motif

U,C = 2'-NH 2'-U,C
 Lower case = 2'-O-Me
 Uppercase = Ribo

Ribozyme

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5' a g a a c g g g 3'
 A • U G • C G
 G • C G
 A C • G
 U U
 C C
 a c u c C
 a g a g a g
 U G C C G 5' (SEQ ID NO 5584)

Cleavage site

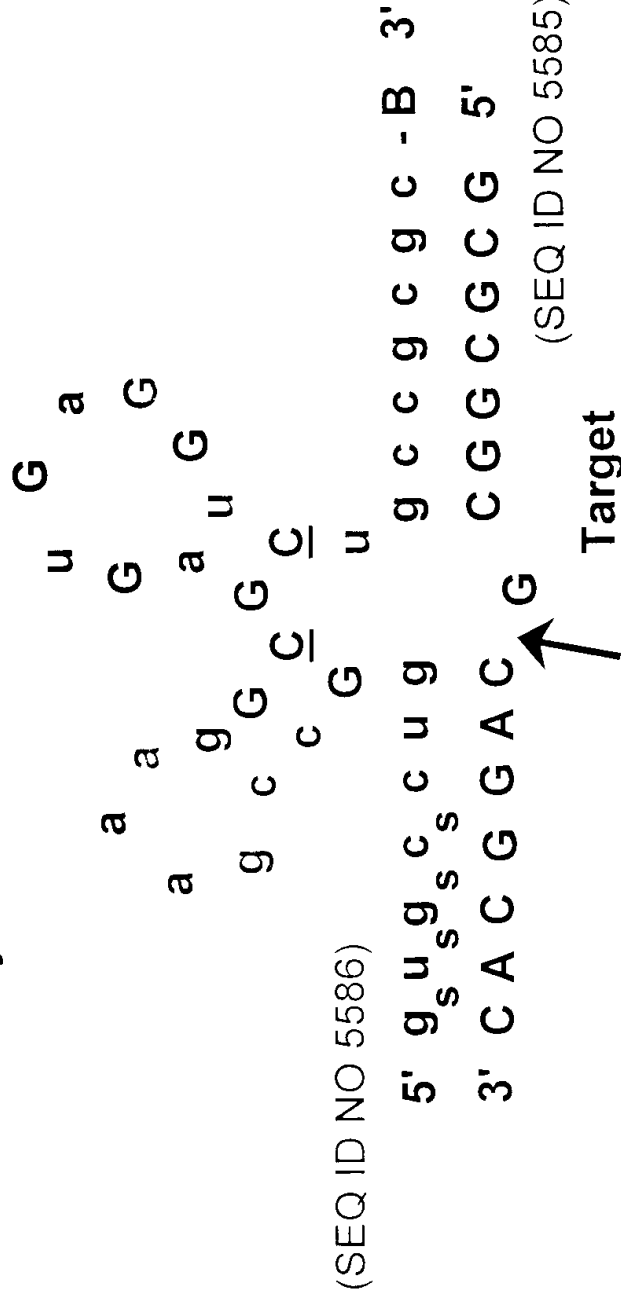
Substrate

(SEQ ID NO 5583)

5' 3'

Figure 4: Stabilized Zinzyme Ribozyme Motif

Zinzyme A-motif RZ



Legend

Uppercase indicates natural ribo residues

C indicates 2'- d-NH₂-C

Lowercase: 2'-O-Me

Subscript _s indicates phosphothioate linkage

B: 3'- 3' basic moiety

Figure 1: Ribozyme Motifs

